

10/581183

1/21 JAP20 Rec'd PCT/PTO 01 JUN 2006

SEQUENCE LISTING

<110> CHUGAI SEIYAKU KABUSHIKI KAISHA

<120> Expression systems using mammalian β -Actin promoter

<130> C1-A0311P

<150> JP 2003-405269

<151> 2003-12-03

<160> 39

<170> PatentIn version 3.1

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<211> 1577

<212> DNA

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 35 40 45

Glu Thr Cys Leu Leu Asp Ile Leu Asp Thr Ala Gly Gln Glu Glu Tyr
 50 55 60

Ser Ala Met Arg Asp Gln Tyr Met Arg Thr Gly Glu Gly Phe Leu Cys
 65 70 75 80

Val Phe Ala Ile Asn Asn Thr Lys Ser Phe Glu Asp Ile His Gln Tyr
 85 90 95

Arg Glu Gln Ile Lys Arg Val Lys Asp Ser Asp Asp Val Pro Met Val
 100 105 110

Leu Val Gly Asn Lys Cys Asp Leu Ala Ala Arg Thr Val Glu Ser Arg
 115 120 125

Gln Ala Gln Asp Leu Ala Arg Ser Tyr Gly Ile Pro Tyr Ile Glu Thr
 130 135 140

Ser Ala Lys Thr Arg Gln Gly Val Glu Asp Ala Phe Tyr Thr Leu Val
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Asp Pro Thr Ile Glu Asp Ser Tyr Arg Lys Gin Val Val Ile Asp Gly

35 40 45

Glu Thr Cys Leu Leu Asp Ile Leu Asp Thr Ala Gly Gin Glu Glu Tyr

50 55 60

Ser Ala Met Arg Asp Gin Tyr Met Arg Thr Gly Glu Gly Phe Leu Cys

65 70 75 80

Val Phe Ala Ile Asn Asn Thr Lys Ser Phe Glu Asp Ile His His Tyr

85 90 95

Arg Glu Gin Ile Lys Arg Val Lys Asp Ser Glu Asp Val Pro Met Val

100 105 110

Leu Val Gly Asn Lys Cys Asp Leu Pro Ser Arg Thr Val Asp Thr Lys

115 120 125

Gin Ala Gin Asp Leu Ala Arg Ser Tyr Gly Ile Pro Phe Ile Glu Thr

130 135 140

Ser Ala Lys Thr Arg Gin Gly Val Asp Asp Ala Phe Tyr Thr Leu Val

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<212> DNA

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<210> 11

<211> 26

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<212> DNA

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<210> 13

<211> 50

<212> DNA

<213> Artificial

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<210> 14

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<212> DNA

<213> Artificial

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<212> DNA

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<212> DNA

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<212> DNA

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<210> 18

<211> 50

<212> DNA

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<210> 19

<211> 50

<212> DNA

<213> Artificial

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<210> 20

<211> 50

<212> DNA

<213> Artificial

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<223> Description of Artificial Sequence : Artificially Synthesized Primer Sequence

<400> 20

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<210> 21

<211> 50

<212> DNA

<213> Artificial

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<210> 22

<211> 50

<212> DNA

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<212> DNA

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<212> DNA

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<212> DNA

<213> Artificial

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<210> 26

<211> 50

<212> DNA

<213> Artificial

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<211> 50

<212> DNA

<213> Artificial

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<212> DNA

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<212> DNA

<213> Artificial

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<212> DNA

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<212> DNA

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<210> 32

<211> 25

<212> DNA

<213> Artificial

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<223> Description of Artificial Sequence : Artificially Synthesized Primer Sequence

<400> 32

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<210> 33

<211> 22

<212> DNA

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<223> Description of Artificial Sequence : Artificially Synthesized Primer Sequence

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<210> 34

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<210> 35

<211> 27

<212> DNA

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<223> Description of Artificial Sequence : Artificially Synthesized Primer Sequence

<400> 35

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<210> 36

<211> 24

<212> DNA

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<223> Description of Artificial Sequence : Artificially Synthesized Primer Sequence

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<210> 38

<211> 27

<212> DNA

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<223> Description of Artificial Sequence : Artificially Synthesized Primer Sequence

<400> 38

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<210> 39

<211> 27

<212> DNA

<213> Artificial

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<223> Description of Artificial Sequence : Artificially Synthesized Primary Sequence

<400> 39

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27